

# Labelling solutions for injectable devices

Small, simple, superior

Pre-filled syringes and auto-injectors are now commonplace, and the non-oral medication device market is still growing fast – with growing demand for medication against cancer and long term conditions.

An industry-wide preference for injectable devices is the result of multiple benefits, including better dosage security and sterility. However, such devices pose a challenge to converters because of small diameters and low energy substrates.

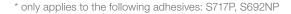
Avery Dennison offers a sophisticated portfolio of labelling solutions designed specifically for small-diameter pharmaceutical containers. The range includes syringe labels for many different applications, with outstanding tight mandrel performance and a low risk of adhesive migration or edge lift.

# **KEY FEATURES**

- > High performance materials for small diameter medical devices
- > Outstanding tight mandrel performance
- > Low risk of adhesive migration or edge lift
- > Avery Dennison notifies changes to adhesives 12 months in advance\*
- > Compliance with FDA and European food regulations

## **APPLICATION AREAS**

- > Auto-injector pens for diabetics, autoimmune deficiencies and more
- > Pre-filled syringes and vials





Inspired Brands. Intelligent World.™





														,					w)_
DESIGNED FOR QUALITY Avery Dennison can help you choose and create any kind of pharmaceutical application, from semi-gloss face materials through to constructions with PET liners and low-migration adhesives.		PP30 TOP CLEAR-S717P-PET36	PE85 TOP WHITE-S692NP-BG40WH	PP NG TOP CLEAR-S692NP-BG40WH	PP LIGHT TOP CLEAR- 692NP-PET30	PP LIGHT TOP WHITE-S692NP-PET30	PRIMAX II-S692NP-PET30	PP NG TOP CLEAR-S700-BG40WH	PET36 TOP CLEAR-S717P-PET36	PP NG TOP CLEAR-S700-PET36	PP30 CLEAR-S4000N LUM-PET30	PP TOP CLEAR-S4000N LUM-PET30	PET36 TOP CLEAR-S4000N LUM-PET36	PP NG TOP CLEAR-S700 LUM-BG40WH	PP LIGHT TOP CLEAR S717P-BG45WH	PP LIGHT TOP WHITE-S717P-BG45WH	PP NG TOP CLEAR-S700 LUM-PET30	MACPROPY 699 TC - MP318N UV - CLEAR PET 36	MACPROPY 699 TC - MP318N - CLEAR PET 36 HR
Product Description											-		-	-					
Code		BC934	AE947	AN869	AN499	A0271	AJ053	AA844	BD151	AN873	AX203	AX204	AX206	AN871	BF237	BD522	AN872	299901PD033	299901PA034
					•	•	0.5								•	•			
Front	Basis weight [gsm/m <sup>2</sup> ]	30 27	82 82	46 50	46 50	50 50	65 63	46 50	50 36	46 50	30 27	46 50	50 36	46 50	46 50	50 50	46 50	46 50	46 50
	Caliper [µm] Semi Gloss	21	02	50	50	50	00	50	30	50	21	50	30	50	50	50	50	50	50
	Gloss	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0
Adhesion	on Glass	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•
	on PE	•	0	0	0	0	0	0	•	0	0	0	0	0	•	•	0	0	0
	on PP	٠	0	0	0	0	0	0	•	0	0	0	0	0		٠	0	0	0
Mandrel Hold Glass	Ø 7 mm [0,5 ml]	0	0	0	0	0	0	0		0	0			0	0	0	0	0	0
	Ø 10 mm [1,25 ml]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ø 20 mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mandrel Hold HDPE / PP	Ø 10 mm [2 ml]	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0
	Ø 16 mm [10 ml]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ø 22 mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ø 10 mm + overlap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sterilization	Autoclave	0		0	0	0		0	0	0	0	0	0	0	0	0	0	0	0
	Etox	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Gamma	<b>I</b>	0				0		0				0						_
Luminescent (Laetus scale)		+		-	-						5	5	5	9		_	9	5	
0		0	0	0	0	0	0		0					<u> </u>	0	0			
Dispensing Chemical resistance		•	0	0 0	•	•	•	0	•	•	•	•	•	0	0 0	0 0	•	•	
	Low Temperature		0	0	0	0	0		0			0		•	0	0	-	-	
		0	I ()	I ()	I O -				I O -										

• The product codes highlighted by the green mark are products from the ClearIntent<sup>™</sup> portfolio.

Label and

Packaging Materials

DISCLAIMER - All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see http://terms.europe.averydennison.com

©2017 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.



North Asia 5th Floor, Hongye Park 1801 Hongmei Road, Xuhui District 200233, Shanghai, China +86 21 33951888

South Asia Pacific and Sub-Saharan Africa 460 Alexandra Road #28-02/03 Singapore 119963 +65 6430 7000

Europe Willem Einthovenstraat 11 Rodovia Vinhedo-2342 BH Oegstgeest The Netherlands +31 85 000 2000

## Latin America North America

Viracopos, KM 77

CEP 13280-000

+55 19 3876-7600

8080 Norton Pkwy Mentor, OH 44060 800.944.8511 Vinhedo - SP. Brazil